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Name: Greg Heibel Signed: [Signature] Date: Oct 14, 2004

Appl. No. : 09/826,583 Confirmation No. 6679
Applicant : Unger et al.
Title: MICROFABRICATED ELASTOMERIC VALVE
AND PUMP SYSTEMS
Filed : Apr. 6, 2001
TC/AU : 3753
Examiner : Chambers, Michael A.
Docket No. : 20174-003010US
Customer No. : 20350

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Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

AMENDMENT AND RESPONSE

Sir:

In response to the Office action mailed May 14, 2004, please amend the above-identified application as follows and consider the accompanying remarks:

Amendments to the Specification – are provided on page 2.

Amendments to the Claims are reflected in the listing of claims which being on page 3 of this paper.

Amendments to the Drawings - NONE

Remarks/Arguments begin on page 5 of this paper.

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